Combined Declaration and Power of Attorney for Patent Application

Docket Number: 38-21(15091)B

As a below named inventor, I hereby declare that:

was filed on March 4, 1999;

X

My residence, post office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter that is claimed and for which a patent is sought on the invention entitled NUCLEIC ACID MOLECULES AND OTHER MOLECULES ASSOCIATED WITH THE CARBON ASSIMILATION PATHWAY

the specification of which is filed herewith unless the following box is checked:

I here by claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT internapplication having a filing date before that of the application on which priority is claimed. Priority Claim (Application No.) (Country) (Day/Month/Year Filed)	
application having a filing date before that of the application on which priority is claimed. Priority Claim Yes (Application No.) (Country) (Day/Month/Year Filed)	s
invantor's certificate, or § 365(a) of any PCT international application, which designated at least one country other than the States listed below, and have also identified below any foreign application for patent or inventor's certificate, or PCT intern application having a filing date before that of the application on which priority is claimed. Priority Claim Yes (Application No.) (Country) (Day/Month/Year Filed)	
☐ Yes ☐ N (Application No.) (Country) (Day/Month/Year Filed)	
(Application No.) (Country) (Day/Month/Year Filed)	ied
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(Application No.) (Country) (Day/Month/Year Filed)	
I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.	
60/076,912 03/06/98 Abandoned (Application No.) (Filing Date) (Status)	

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

Lawrence M. Lavin, Jr. Dennis R. Hoerner, Jr. Richard H. Shear

Jeffrey I. Auerbach, Reg. No. 32,680
Melvin L. Barnes, Jr. Reg. No. 38,375
Michael J. Bell, Reg. No. 39,604
Mark R. Buscher, Reg. No. 35,006
Celine T. Callahan, Reg. No. 34,301
Cono A. Carrano, Reg. No. 39,623
Joseph V. Colaianni, Reg. No. 39,948
James F. Davis, Reg. No. 21,072
Thomas M. Dunham, Reg. No. 39,965
Joch M. Freed, Reg. No. 25,101
Vernon Randall Gard, Reg. No. 33,886
Alan M. Grimaldi, Reg. No. 26,599
Alexander J. Hadjis, Reg. No. 36,540
Albert P. Halluin, Reg. No. 25,227
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Reg. No. 30,768 Reg. No. 30,914 Reg. No. 26,583

Richard H. Kjeldgaard, Reg. No. 30,186
Joseph P. Lavelle, Reg. No. 31,036
David R. Marsh, Reg. No. 41,408
Joseph A. Micallef, Reg. No. 39,772
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Bradley J. Olson, Reg. No. 40,750
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Andrea G. Reister, Reg. No. 36,253
Stephen J. Rosenman, Reg. No. 29,209
Timothy L. Scott, Reg. No. 37,931
Anthony W. Shaw, Reg. No. 30,104
J. David Smith, Reg. No. 39,839
Michael J. Songer, Reg. No. 39,841

Send Correspondence to:

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Larry M. Lavin, Jr.

Monsanto Company

700 Chesterfield Parkway North, BB4F

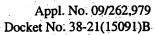
St. Louis, Missouri

Facsimile: (314) 737-6047

Direct Telephone Calls to: 314-737-6670

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first invent	or Nordine Cheikh			
First inventor's signature			Date	
Residence	Manchester, Missouri USA			
Citizensnip	USA			
Post Office Address	721 Foxwick Drive, Manchester,	Missouri 63011		
				٠.
Full pame of second inventor	Philip W. Miller			:
Sectord inventor's signature			Date	
Residence	Ballwin, Missouri USA			
Citizenship	USA			
Post Office Address	216 E Seawind Drive, Ballwin, Missouri 6	3021		
- 4 - 1 - 1				
Full name of third inventor	Keith M. O'Connell			
Third inventor's signature	Vall-ME	Jennell	Date 6	199
Residence	Kirkwood, Missouri USA			<i>y</i> (
Citizenship	USA			
Post Office Address	568 A Fieldmount, Kirkwood, Missouri 631	22		
ŀ				



Full name of fourth inventor Jingdong Liu Date Fourth inventor's signature Residence Ballwin Missouri USA USA Citizenship 885 Castle Pines Drive, Ballwin Missouri 63021 Post Office Address Full name of fifth inventor Date Fifth inventor's signature Residence מֹל Citizenship Post Office Address Full name of sixth inventor Sixth inventor's signature Date Residence Citizenship Post Office Address

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the specification of which is filed herewith unless the following box is checked:

as United States Ap was amended on	plication Number <u>09/262,979</u> ; (if applicable).	and	٠.
I hereby state that I have rev amended by any amendment		ents of the above identified specification, in	cluding the claims, as
I acknowledge the duty to di	sclose information that is mater	rial to patentability as defined in 37 C.F.R.	§ 1.56.
inventor's certificate, or § 36 States listed below, and have	5(a) of any PCT international a	19(a)-(d) or § 365(b) of any foreign application, which designated at least one coign application for patent or inventor's certing on which priority is claimed.	ountry other than the United
Prior Foreign Application(s)			Priority Claimed
4 .			Yes No
(Application No.)	(Country)	(Day/Month/Year Filed)	
			☐ Yes ☐ No
(Application No.)	(Country)	(Day/Month/Year Filed)	
I hereby claim the benefit un	der 35 U.S.C. § 119(e) of any	United States provisional application(s) liste	ed below.
60/076,912 (Application No.)	<u>03/06/98</u> (Filing Date)	Abandoned (Status)	

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or under § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information that is material to patentability as defined in 37 C.F.R. § 1.56 that became available between the filing date of the prior application and the national or PCT international filing date of this application.

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Michael J. Songer, Reg. No. 39,841

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St. Louis, Missouri

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Full name of fourth invento	or Jingdong Liu		
Fourth inventor's signature	D- 2-		Date 6-7-99
Residence	Ballwin Missouri USA		
Citizenship	USA		
Post Office Address	885 Castle Pines Drive, Ballwin Missouri 63021		
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Full name of fifth invento	or .		<u> </u>
Fitth inventor's signature			Date
Rèsidence			
Citizenship			
Post Office Address			
91 11 11 11 11 11 11 11	:		
Full name of sixth invent	or		
Sixth inventor's signature	3		Date
Residence			
Citizenship			
Post Office Address			
			

Docket Number: 38-21(15091)B

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the specification of which is filed herewith unless the following box is checked:

was filed on Marc as United States A	<u>ch 4, 1999 ;</u> Application Number <u>09/262.97</u>	9 : and		•
	(if applicable)			
I hereby state that I have reamended by any amendme		ntents of the above identified specification, in	cluding the cla	aims, as
acknowledge the duty to	disclose information that is ma	terial to patentability as defined in 37 C.F.R.	§ 1.56.	
inventor's certificate, or § : States listed below, and ha	365(a) of any PCT international are also identified below any for	§ 119(a)-(d) or § 365(b) of any foreign applical application, which designated at least one coreign application for patent or inventor's certation on which priority is claimed.	ountry other th	an the United
D. T			Dai anien	Claimad
Prior Foreign Application((S)		Priority	Claimed
Prior Foreign Application(1) 1)	s)		Priority ☐ Yes	□ No
	(Country)	(Day/Month/Year Filed)		_
		(Day/Month/Year Filed)		_
Application No.)		(Day/Month/Year Filed) (Day/Month/Year Filed)	☐ Yes	□ No
Application No.)	(Country)		Yes Yes	□ No
Application No.)	(Country)	(Day/Month/Year Filed)	Yes Yes	□ No

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full name of sole or first inven	tor Nordine Cheikh		
irst inventor's signature			Date
esidence	Manchester, Missouri U	JSA	
itizenship	USA	and the second state of the second	
ost Office Address	721 Foxwick Drive, Mar	nchester, Missouri 63011	स्वर्के करें प्रेटिश के नेक्क्षी हैं। विश्वेष अधिकार स्वर्केन हैं। -
Full name of second inventor	Philip W. Miller		
Second inventor's signature	This 1	All	Date 6/7/99
Residence	Ballwin, Missouri USA		
Gitizenship	USA		
Post Office Address	267 Oak Pass Court Ballwin, Mi	issouri 63021	
4			
Full name of third inventor	Keith M. O Connell		
Third inventor's signature			Date
Residence	Kirkwood, Missouri USA		
Citizenship	USA		
Post Office Address	568 A Fieldmount, Missouri 6312	22	

Full name of fourth inventor	Jingdong Liu	
Fourth inventor's signature		Date
Residence	Ballwin Missouri USA	
Citizenship	USA	
Post Office Address	885 Castle Pines Drive, Ballwin Missouri 63021	
Full name of fifth inventor		
Fifth inventor's signature	to and the second of the secon	Date
Residence	· 我们可能的争争的。	
Gitizenship		
Post Office Address		
- 85 \1 83		
Full name of sixth inventor		* . *
Sixth inventor's signature		Date
Residence		
Gitizenship		
Post Office Address		



Combined Declaration and Power of Attorney for Patent Application

Docket Number: 38-21(15091)B

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was filed on Marc as United States A was amended on _	h 4, 1999 ; pplication Number <u>09/26</u> (if applic	52,979 ; and cable).		•	
I hereby state that I have re amended by any amendmen		he contents o	f the above identified specification	n, including the c	laims, as
Litereby claim foreign prior inventor's certificate, or § 3 Hanited States listed below.	rity benefits under 35 U.s 65(a) of any PCT international have also identified	S.C. § 119(a) ational applic below any fo	patentability as defined in 37 C.F. -(d) or § 365(b) of any foreign appation, which designated at least or reign application for patent or investigation on which priority is claim	plication(s) for pa ne country other the entor's certificate	than the
ሻግ Prior Foreign Application(s	5)	ş		Priority	Claimed
		· •		☐ Yes	□ No
(Application No.)	(Country)	 -	(Day/Month/Year Filed)		÷
		<i>:</i>		Yes	☐ No
(Application No.)	(Country)		(Day/Month/Year Filed)		
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Dogg 1 of A



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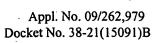




such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor	Nordine Cheikh	\circ	
First inventor's signature	North Ch	4	Date 5/27/99
Residence	Manchester, Missouri USA		
Citizenship	USA		
Post Office Address	721 Foxwick Drive, Manchester, Missouri	i 63011	
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Full name of second inventor Ph	nilip W. Miller	सम्बद्धाः स्थानः द्वारः सम्बद्धाः स्थानः । स्वतः स्थानः । । । स्वतः स्थानः ।	and the second s
್ಷಾSecond inventor's signature			Date
Residence Bal	llwin, Missouri USA		
∰ Çitizenship US	Α		
Post Office Address 216	6 E Seawind Drive, Ballwin, Missouri 63021	1	
Full name of third inventor Keith	M. O' Connell		
다. Third inventor's signature			Date
Residence Kirkw	ood, Missouri USA		
Citizenship USA			
Post Office Address	A Fieldmount, Missouri 63122		
		-	·





Full name of fourth inventor	Jingdong Liu								. <u> </u>	·	·
Fourth inventor's signature	plantagen en en e n en		أمي جي جاء	e Car	inger in the					Date	
Residence	Ballwin Missouri USA								·		
Citizenship	UŞA	•		, 							
Post Office Address	885 Castle Pines Drive,	Ballwin	Missour	i 63021			<u> </u>	<u></u>			
		1									**
Full name of fifth inventor											
Fifth inventor's signature										Date	·
Residence								•			
(I) (Citizenship		î w							<u></u>	·	
Post Office Address											·
in the state of th											
Full name of sixth inventor			· -	<u> </u>				• .			
Sixth inventor's signature										Date	
Residence	:					· · · · · · · · · · · · · · · · · · ·					·
Citizenship				· .							
Post Office Address						·				·	
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